



PATIENT PRESENTING CLINICAL SIGNS

CATHERINE THE GREAT SILVERMAN

- Owner presented Catherine due to concerns about worsening mobility, specifically a bad leg and progressive difficulty walking. Owner noted she is throwing her shoulders around to walk and has not complained about pain, but has been falling occasionally. Owner reported a persistent, random cough and nocturnal urination, with occasional squatting on her bed and small amounts of urine at night. Owner expressed interest in screening for urinary tract infection and discussing medication for nocturnal urination. Owner mentioned that Catherine's osteoarthritis has progressively worsened and she has multifocal osteoarthritis. Owner is considering a wheelchair but is unsure if Catherine would tolerate it. Owner described behavioral changes such as increased distractibility and slower walking, and noted that Catherine does not walk around the neighborhood but will go outside to urinate or defecate. Owner reported that Catherine enjoys sitting outside in the sun after meals and does not complain about pain during walks. Owner also mentioned that Catherine has had skin allergies and that she stopped playing with a Kong toy, instead using a kibble-dispensing toy for exercise. Owner described difficulty with nail trims at home due to unsteady hands. Owner has a consultation scheduled with a rehabilitation veterinarian and has previously discussed other therapies and supplements with various veterinarians. Owner noted that Catherine's weight is slightly increased from the last visit.

SPECIES

Canine

BREED

English Bulldog

SEX

FS

AGE

8yr

Abnormal PE/Chem/CBC/UA Results: CV/Respiratory: Normal heart rate and rhythm, no murmur, pulses strong and synchronous, normal bronchovesicular sounds. Upper referred resp. sounds.) UA (cysto): ***no abnormalities seen on US*** SG 1.037, pH 5.0, LEU 500Leu/uL, PRO 30mg/dL, BLD 10Ery/uL, WBC >50/hpf, RBC 9/hpf, rods and cocci present Cough: r/o bronchitis vs. other

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

RADIOGRAPHIC STUDY OF THE THORAX

Right /left lateral and ventrodorsal views of the thorax totaling 6 images available for review.

RADIOGRAPHIC FINDINGS

The patient is a brachycephalic dog.

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The vertebral heart score is 10.2 which is within normal limits for this breed. The cardiac silhouette is normal in size and shape.

Moderate widening of the cranial mediastinum most consistent with accumulations of mediastinal fat is seen. A discrete mass effect cannot be entirely excluded but is not strongly suspected based on the current findings.

REFERRING VET

Rivera

The trachea presents breed typical redundancy with a tracheal index of 0.2 which is appropriate for an English bulldog. No overt collapse is appreciated.

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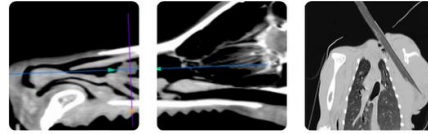
Mild generalized bronchial lung pattern consistent with chronic lower airway reactivity or inflammation is noted. There is no evidence of interstitial pulmonary nodules, masses or alveolar infiltrate seen. The pulmonary vessels are normal in caliber.

Moderate bilateral elbow osteoarthritis and mild bilateral shoulder osteoarthritis is seen.

DATE

11/19/2025

The degree of pulmonary inflation is fair with cranial excursion of the diaphragm which typically is a



PATIENT result of chronic upper airway obstruction most likely in conjunction with BOAS.

CATHERINE THE
GREAT SILVERMAN

RADIOGRAPHIC DIAGNOSIS

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- Mild generalized bronchial lung pattern
- Suspect chronic upper airway restriction likely related to BOAS.
- Mediastinal widening- most likely mediastinal fat, mass effect not entirely excluded.
- Normal radiographic presentation of the cardiovascular structures and trachea
- Moderate elbow and mild shoulder osteoarthritis

BREED

English Bulldog

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

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The radiographic findings do not indicate cardiogenic disease. No overt interstitial or alveolar infiltrates are seen. The bronchial pattern aligns with the clinical history of intermittent cough raising the suspicion for chronic bronchitis such as irritant allergic or less likely infectious. Age related airway remodeling is a possible differential diagnosis as well. Further definition by means of bronchoscopy with sampling could be considered in case of worsening clinical signs.

The mediastinal widening is a common incidental finding in patients with elevated body condition score or brachycephalic dogs due to increased fat deposition. No structural displacement or mass margins are seen. Thoracic ultrasound or CT could be considered if mediastinal mass remains a clinical concern which is considered unlikely based on the current imaging.

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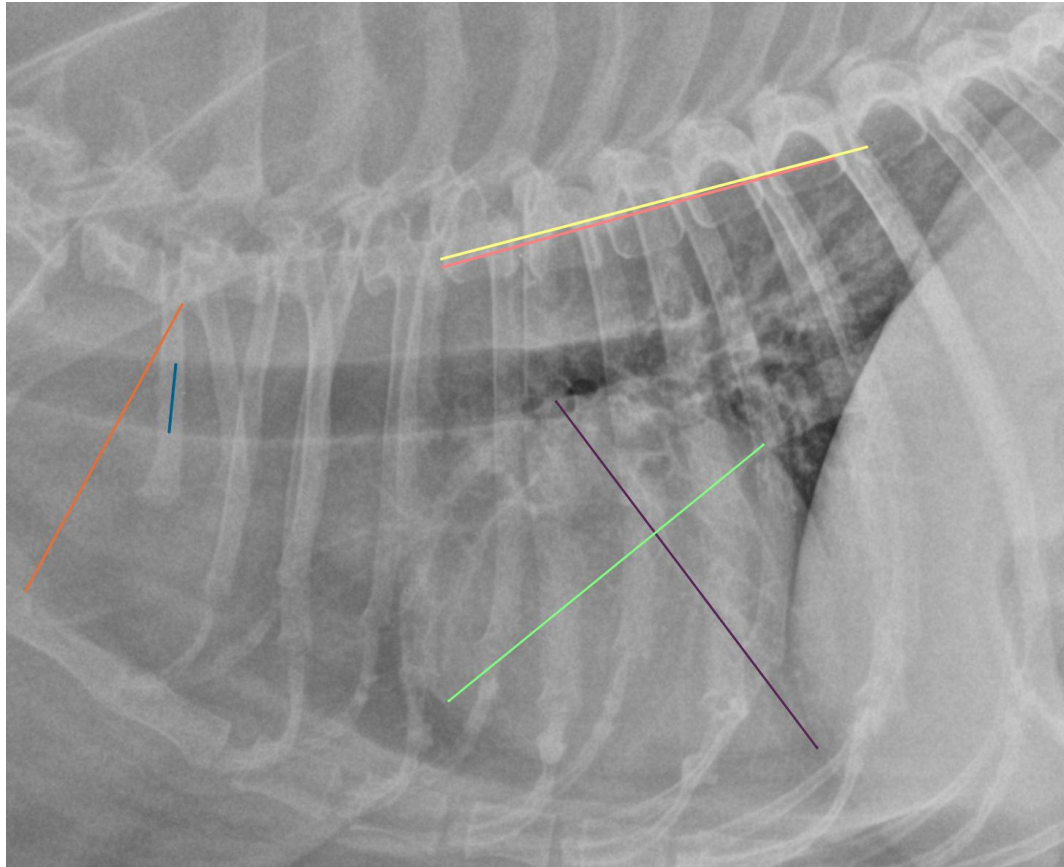
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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